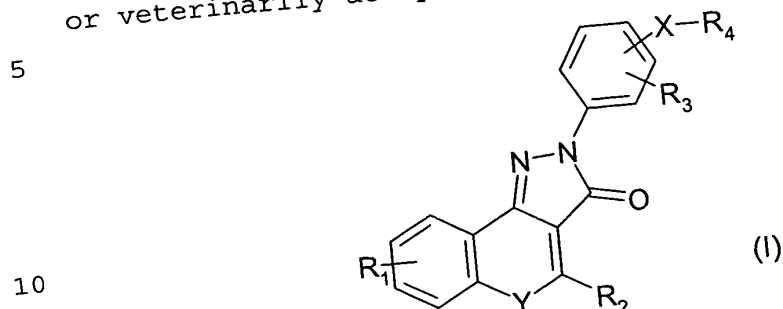


## CLAIMS

1. A compound of formula (I) or a pharmaceutically or veterinarily acceptable salt thereof:



wherein

15  $R_1$  and  $R_3$  independently represent H; F; Cl; Br;  $-\text{NO}_2$ ;  $-\text{CN}$ ;  $\text{C}_1$ - $\text{C}_6$  alkyl optionally substituted by F or Cl; or  $\text{C}_1$ - $\text{C}_6$  alkoxy optionally substituted by F;

$R_2$  represents H, or optionally substituted  $\text{C}_1$ - $\text{C}_6$  alkyl,  $\text{C}_3$ - $\text{C}_7$  cycloalkyl or optionally substituted phenyl;

20 Y represents  $-\text{O}-$ ,  $-\text{S}-$ , N-oxide, or  $-\text{N}(\text{R}_5)-$  wherein  $\text{R}_5$  represents H or  $\text{C}_1$ - $\text{C}_6$  alkyl;

X represents a bond or a divalent  $\text{C}_1$ - $\text{C}_6$  alkylene radical;

$R_4$  represents  $-\text{C}(=\text{O})\text{NR}_6\text{R}_7$ ,  $-\text{NR}_7\text{C}(=\text{O})\text{R}_6$ ,  $-\text{NR}_7\text{C}(=\text{O})\text{OR}_6$ ,  $-\text{NHC}(=\text{O})\text{NHR}_6$  or  $-\text{NHC}(=\text{S})\text{NHR}_6$  wherein

25  $R_6$  represents H, or a radical of formula  $-(\text{Alk})_b\text{Q}$  wherein b is 0 or 1 and

Alk is an optionally substituted divalent straight chain or branched  $\text{C}_1$ - $\text{C}_{12}$  alkylene,  $\text{C}_2$ - $\text{C}_{12}$  alkenylene or  $\text{C}_2$ - $\text{C}_{12}$  alkynylene radical which may be interrupted by one or more non-adjacent  $-\text{O}-$ ,  $-\text{S}-$  or  $-\text{N}(\text{R}_8)-$  radicals wherein  $\text{R}_8$  represents H or  $\text{C}_1$ - $\text{C}_4$  alkyl,  $\text{C}_3$ - $\text{C}_4$  alkenyl,  $\text{C}_3$ - $\text{C}_4$  alkynyl, or  $\text{C}_3$ - $\text{C}_6$  cycloalkyl, and

35 Q represents H;  $-\text{CF}_3$ ;  $-\text{OH}$ ;  $-\text{SH}$ ;  $-\text{NR}_8\text{R}_8$  wherein each  $\text{R}_8$  may be the same or different; an ester group; or an optionally substituted phenyl,  $\text{C}_3$ - $\text{C}_7$  cycloalkyl,  $\text{C}_5$ - $\text{C}_7$  cycloalkenyl or heterocyclic ring having from 5 to 8 ring atoms; and

R<sub>7</sub> represents H or C<sub>1</sub>-C<sub>6</sub> alkyl; or when taken together with the atom or atoms to which they are attached R<sub>6</sub> and R<sub>7</sub> form an optionally substituted heterocyclic ring having from 5 to 8 ring atoms.

5        2. A compound as claimed in claim 1 wherein R<sub>1</sub> is H, F, Cl, methyl or methoxy.

3. A compound as claimed in claim 1 or claim 2 wherein R<sub>2</sub> is H, methyl, methoxy, cyclopropyl, phenyl, or fluoro-, chloro-, methyl, or methoxy-substituted phenyl.

10       4. A compound as claimed in any of the preceding claims wherein R<sub>3</sub> is H, F, Cl, methyl, methoxy, or methylenedioxy.

5. A compound as claimed in any of the preceding claims wherein Y is -O-, -S-, or -N(R<sub>5</sub>)- wherein R<sub>5</sub>  
15 represents H or methyl.

6. A compound as claimed in any of the preceding claims wherein X is a bond, or a -CH<sub>2</sub>- or -CH<sub>2</sub>CH<sub>2</sub>- radical.

7. A compound as claimed in any of the preceding claims wherein R<sub>4</sub> represents -C(=O)NHR<sub>6</sub>, -NR<sub>7</sub>C(=O)R<sub>6</sub>,  
20 -NR<sub>7</sub>C(=O)OR<sub>6</sub>, -NHC(=O)NHR<sub>6</sub> or -NHC(=S)NHR<sub>6</sub> and in these R<sub>6</sub> is H or a radical of formula -Alk<sub>b</sub>-Q wherein

b is 0 or 1 and

Alk is a -(CH<sub>2</sub>)<sub>n</sub>-, -CH((CH<sub>2</sub>)<sub>m</sub>CH<sub>3</sub>)(CH<sub>2</sub>)<sub>n</sub>-,  
25 -CH((CH<sub>2</sub>)<sub>m</sub>CH<sub>3</sub>)((CH<sub>2</sub>)<sub>p</sub>CH<sub>3</sub>)(CH<sub>2</sub>)<sub>n</sub>-, -(CH<sub>2</sub>)<sub>n</sub>-O-(CH<sub>2</sub>)<sub>m</sub>-,  
or -(CH<sub>2</sub>)<sub>n</sub>-O-(CH<sub>2</sub>)<sub>n</sub>-O-(CH<sub>2</sub>)<sub>m</sub>-, radical where n is 1, 2, 3  
or 4 and m and p are independently 0, 1, 2, 3 or 4, and  
Q represents H, -OH, -COOCH<sub>3</sub> phenyl, cyclopropyl,  
cyclopentyl, cyclohexyl, pyridyl, furyl, thienyl, or  
30 oxazolyl. and

R<sub>7</sub> is H, or when taken together with the nitrogen atom to which they are attached R<sub>6</sub> and R<sub>7</sub> form a pyrrolidine-2-one or pyrrolidine-2,5-dione ring.

8. A compound as claimed in claim 1 wherein R<sub>1</sub> is  
35 H, F, or Cl; R<sub>2</sub> is H; R<sub>3</sub> is H, F, or Cl; Y is -NH-; X is a bond; and R<sub>4</sub> represents -C(=O)NHR<sub>6</sub>, -NR<sub>7</sub>C(=O)R<sub>6</sub>,  
-NR<sub>7</sub>C(=O)OR<sub>6</sub> or -NHC(=O)NHR<sub>6</sub> wherein:

$R_6$  is H or a radical of formula  $-Alk_b-Q$  wherein  $b$  is 0 or 1 and

Alk is a  $-(CH_2)_n-$ ,  $-CH((CH_2)_mCH_3)(CH_2)_n-$ ,  
 $-CH((CH_2)_mCH_3)((CH_2)_pCH_3)(CH_2)_n-$ ,  $-(CH_2)_n-O-(CH_2)_m-$ ,  
 5 or  $-(CH_2)_n-O-(CH_2)_n-O-(CH_2)_m-$ , radical where  $n$  is 1, 2, 3  
 or 4 and  $m$  and  $p$  are independently 0, 1, 2, 3 or 4, and  
 $Q$  represents H,  $-OH$ ,  $-COOCH_3$ , phenyl, cyclopropyl,  
 cyclopentyl, cyclohexyl, pyridyl, furyl, thienyl, or  
 oxazolyl. and

10  $R_7$  is H, or when taken together with the nitrogen  
 atom to which they are attached  $R_6$  and  $R_7$  form a pyrro-  
 lidine-2-one or pyrrolidine-2,5-dione ring.

9. A compound as claimed in claim 1 wherein  $R_1$  is  
 F,  $R_2$  is H or cyclopropyl,  $R_3$  is H,  $X$  is a bond, and  $R_4$  is  
 15  $-C(=O)NHR_6$ ,  $-NRHC(=O)R_6$ , or  $-NHC(=O)NHR_6$ .

10. N-(3-Dimethylamino propyl)-4-(4-cyclopropyl-3-  
 oxo-3,5-dihydro-pyrazolo[4,3-c]quinolin-2-yl)-benzamide,  
 or pharmaceutically or veterinarily acceptable salt  
 thereof.

20 11. A compound as claimed in any of claims 1 to 10  
 for use in the treatment of conditions which benefit from  
 immunomodulation.

12. The use of a compound as claimed in any of  
 claims 1 to 10 in the manufacture of a medicament for the  
 25 treatment of conditions which benefit from immunodu-  
 lation.

13. A method of immunomodulation in humans and non-  
 human primates, comprising administration to a subject in  
 need of such treatment an immunomodulatory effective dose  
 30 of a compound as claimed in any of claims 1 to 10.

14. A pharmaceutical or veterinary composition com-  
 prising a compound as claimed in any of claims 1 to 10  
 together with a pharmaceutically or veterinarily accep-  
 table excipient or carrier.